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INDUSTRIAL FEEDING

in manufacturing establishments

1944

A report of surveys conducted by
WAR FOOD ADMINISTRATION, Office of Distribution

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The Industrial Feeding Program is part of the National Nutrition Program which was launched in 1941 to protect and improve the health of the Nation. Industrial feeding helps to improve the health of workers by making it possible for them to obtain adequate meals on the job. Millions of workers must depend on food services at their place of employment if they are to obtain the food they need to do a good job. This has been demonstrated to be true for the war period, and indications are that industrial feeding will be continued for millions of workers during the years after the war.

Results of the War Food Administration's surveys show that five and one-half million workers, one-third of those in manufacturing industries, were obtaining food on the job during March of this year, and that facilities planned during March would feed an additional one and one-half million workers. Prior to the war, it is estimated that less than one-fifth of the workers in manufacturing plants were obtaining meals at work.

With the completion of planned facilities, 43 percent of all workers in manufacturing industries will be able to obtain some food on the job. However, many of the existing food service facilities are not providing their patrons with the quality and quantity of food they need to maintain their health and efficiency. To meet the needs and desires of the workers, proper in-plant food service would need to be made available to about 60 percent of the workers. To accomplish this will mean installing new facilities, expanding existing food services, and improving operation methods so that greater numbers may be fed more adequate meals.

M. Lee Marshall

M. Lee Marshall
Director of Distribution
War Food Administration

July 1944

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INDUSTRIAL FEEDING

in manufacturing establishments

This report presents the results of two War Food Administration surveys of food service facilities in manufacturing establishments. The first survey, October 1943, ^{1/} obtained data from plants in the Northeastern States. The second survey, March 1944, ^{2/} covered plants in the Southern, Midwestern, Southwestern, and Western States.

The purpose of these surveys was to obtain data on types of existing in-plant food services, their capacity and use, and the capacity and types of planned facilities. The method of conducting the surveys (questionnaires mailed to manufacturers) did not permit obtaining information on the nutritional adequacy of the meals available to the workers. This must be borne in mind in attempting to evaluate the results. It has been the experience of the Office of Distribution, in the conduct of the Industrial Feeding Program, that the food service facilities of many plants are not adapted to the needs of their workers and that large numbers of workers cannot obtain adequate meals from the facilities available to them. The Industrial Feeding Specialists of the Office of Distribution spend a large part of their time in assisting management and labor with such food service operating problems.

The information obtained is being used as a guide in the operation of the Industrial Feeding Program, the functions of which are:

1. To encourage the installation, expansion and improvement of food service facilities in all plants where industrial feeding is practicable.
2. To assist industrial food services in providing the food needed by workers to maintain and improve health and productive efficiency.
3. To promote the best possible use of available foods.

The program is a joint undertaking of various Federal agencies, in cooperation with management, labor, State, and local agencies. An Inter-Agency Committee on Food for workers exists at the Washington level, with similar committees at regional and local levels. The War Food Administration is responsible for general program direc-

tion and for providing technical advice to establish and improve feeding operations serving industrial workers. Cooperating agencies include War Production Board, War Manpower Commission, Office of Price Administration, Maritime Commission, War and Navy Departments, Federal Works Agency, U. S. Public Health Service, Federal Public Housing Authority.

Questionnaires were mailed to 2,416 manufacturing establishments selected at random from records of the War Manpower Commission. ^{3/} Returns were received from 85 percent of the plants.

The War Manpower Commission records covered 12,500 plants employing 12.6 million workers, about 75 percent of the total number employed in manufacturing plants. Excluded were many small plants not directly engaged in war work and in which it is generally not feasible to provide on-the-job food service.

The results of the surveys, therefore, provide a reasonably reliable picture of industrial feeding in manufacturing plants producing war supplies.

The surveys were conducted through the regional OD offices of the War Food Administration, under the direction of the Civilian Food Requirements Branch, Office of Distribution. ^{4/}

^{1/} Includes the New England States, New York, Pennsylvania, New Jersey, and Delaware.

^{2/} Includes all remaining States, except Maryland, West Virginia, and the District of Columbia. See page 23 for States included in WFA Office of Distribution regions.

^{3/} Plants were selected from WMC ES-270 reports for November 1943. For details on number and distribution of plants and workers, see table 11.

^{4/} The surveys were conducted and the report compiled under the supervision of Milton Lowenthal, Civilian Food Requirements Branch. Tabulation was by Jane DeBoskey and Olive Ellison, under the supervision of William P. Robinson, Civilian Food Requirements Branch, and William Salkind, Program Appraisal Branch, Office of Distribution.

Table 1. - Plants with and without food service facilities, by plant employment size, United States and by regions ^{1/}

Plant employment size	Number of plants				Percentage of plants	
	Total reporting	With facilities	Without facilities	No answer	With facilities	Without facilities
United States	2,037	1,002	1,035	19	49.2	50.8
1 - 249	737	204	533	9	27.7	72.3
250 - 499	573	263	310	6	45.9	54.1
500 - 999	356	223	133	2	62.6	37.4
1,000 - 2,499	240	193	47	2	80.4	19.6
2,500 - over	131	119	12	-	90.8	9.2
Northeast	684	323	361	4	47.2	52.8
1 - 249	219	54	165	2	24.7	75.3
250 - 499	191	76	115	1	39.8	60.2
500 - 999	134	81	53	1	60.4	39.6
1,000 - 2,499	82	62	20	-	75.6	24.4
2,500 - over	58	50	8	-	86.2	13.8
Southern	283	146	137	1	51.6	48.4
1 - 249	99	29	70	1	29.3	70.7
250 - 499	70	28	42	-	40.0	60.0
500 - 999	53	34	19	-	64.2	35.8
1,000 - 2,499	41	36	5	-	87.8	12.2
2,500 - over	20	19	1	-	95.0	5.0
Midwest	759	404	355	11	53.2	46.8
1 - 249	256	80	176	4	31.2	68.8
250 - 499	237	121	116	4	51.1	48.9
500 - 999	141	92	49	1	65.2	34.8
1,000 - 2,499	88	74	14	2	84.1	15.9
2,500 - over	37	37	-	-	100.0	-
Southwest	170	66	104	3	38.8	61.2
1 - 249	90	22	68	2	24.4	75.6
250 - 499	45	22	23	1	48.9	51.1
500 - 999	15	6	9	-	40.0	60.0
1,000 - 2,499	15	11	4	-	73.3	26.7
2,500 - over	5	5	-	-	100.0	-
Western	141	63	78	-	44.7	55.3
1 - 249	73	19	54	-	26.0	74.0
250 - 499	30	16	14	-	53.3	46.7
500 - 999	13	10	3	-	76.9	23.1
1,000 - 2,499	14	10	4	-	71.4	28.6
2,500 - over	11	8	3	-	72.7	27.3

^{1/} States included in WFA Office of Distribution regions are indicated on page 23.

1. POSSESSION OF FOOD SERVICE FACILITIES

Some type of food service facility is provided for workers in one of every two manufacturing plants. While only 28 percent of the plants employing less than 250 workers report facilities, 80 percent of the group employing from 1,000 to 2,499 and 91 percent of the plants employing more than 2,500 workers have facilities.

In the entire country, three-fourths of the plants employing 500 or more workers have facilities.

Eighty-six to 100 percent of the plants employing more than 2,500 workers report having facilities in all regions except the Western, where 78 percent report having them.

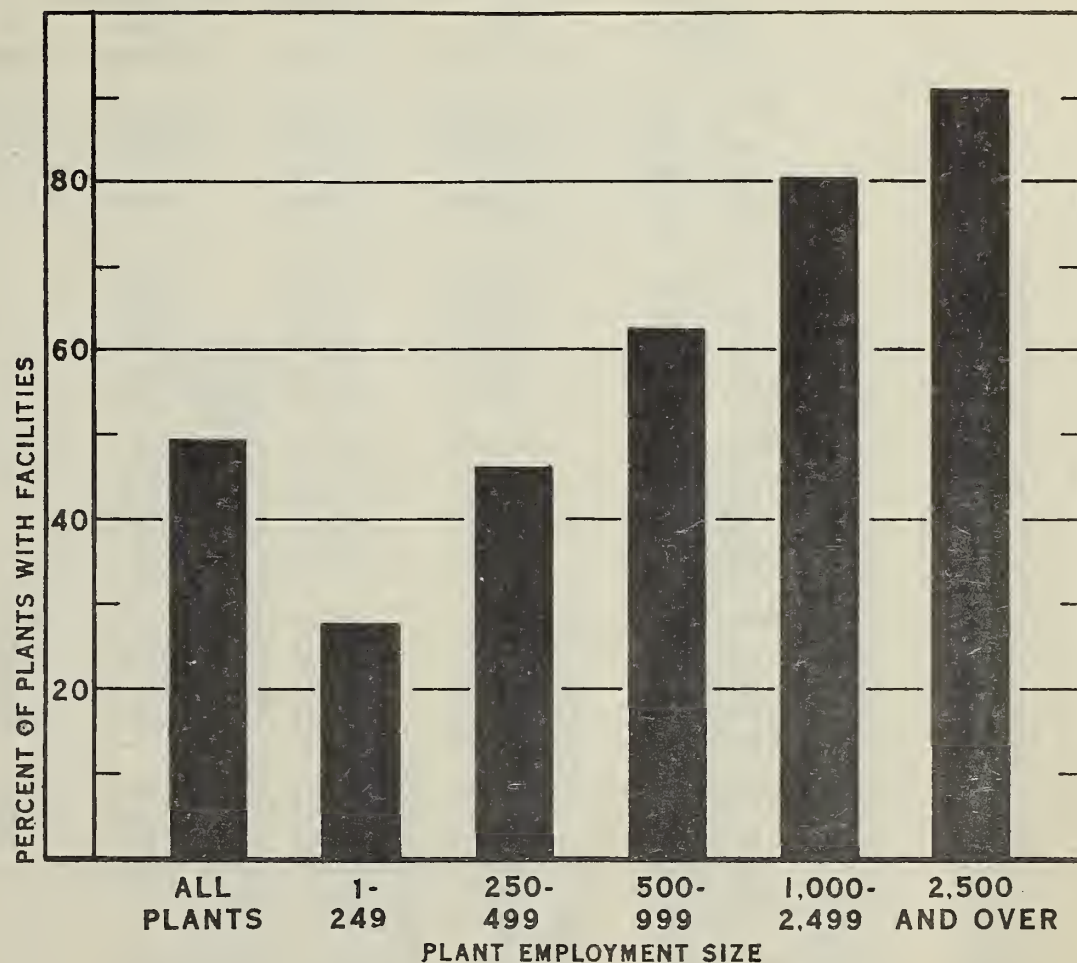


Table 2. - Employment in plants with and without facilities, by plant employment size, United States and by regions

Plant employment size	Number of workers				Percentage of workers	
	Total reporting	In plants with facilities	In plants without facilities	No answer	In plants with facilities	In plants without facilities
United States	2,030,058	1,642,882	387,176	6,255	80.9	19.1
1 - 249	101,526	52,906	68,620	1,037	32.4	67.6
250 - 499	171,004	84,816	86,188	1,521	49.6	50.4
500 - 999	211,369	140,264	71,105	900	66.4	33.6
1,000 - 2,499	333,345	285,582	49,763	2,797	85.1	14.9
2,500 - over	1,212,814	1,101,514	111,500	—	90.8	9.2
Northeast	651,158	552,769	78,369	—	87.6	12.4
1 - 249	23,421	7,422	15,999	—	31.7	68.3
250 - 499	41,569	19,846	21,523	—	48.0	52.0
500 - 999	61,393	44,120	17,273	—	71.9	28.1
1,000 - 2,499	89,505	79,047	10,458	—	88.3	11.7
2,500 - over	415,450	402,534	13,116	—	96.8	3.2
Southern	328,432	282,935	45,497	157	86.1	13.9
1 - 249	13,085	5,007	8,078	157	38.3	61.7
250 - 499	24,505	10,056	14,249	—	41.4	58.6
500 - 999	35,717	23,129	12,588	—	64.8	35.2
1,000 - 2,499	65,326	57,244	8,082	—	87.6	12.4
2,500 - over	189,999	187,499	2,500	—	98.7	1.3
Midwest	642,736	524,719	118,017	5,518	81.6	18.4
1 - 249	42,690	14,119	28,571	601	33.1	66.9
250 - 499	80,345	41,799	38,546	1,220	52.0	48.0
500 - 999	94,606	62,443	32,163	900	66.0	34.0
1,000 - 2,499	131,353	112,616	18,737	2,797	85.7	14.3
2,500 - over	293,742	293,742	—	—	100.0	—
Southwest	130,286	100,338	29,948	580	77.0	23.0
1 - 249	12,176	5,112	9,064	279	25.6	74.4
250 - 499	15,173	7,803	7,370	301	51.4	48.6
500 - 999	11,215	4,406	6,809	—	39.3	60.7
1,000 - 2,499	26,387	19,682	6,705	—	74.6	25.4
2,500 - over	65,335	65,335	—	—	100.0	—
Western	297,466	182,121	115,345	—	61.2	38.8
1 - 249	10,154	3,246	6,908	—	32.0	68.0
250 - 499	9,812	5,312	4,500	—	54.1	45.9
500 - 999	8,438	6,166	2,272	—	73.1	26.9
1,000 - 2,499	20,774	14,993	5,781	—	72.2	27.8
2,500 - over	248,288	152,404	95,884	—	61.4	38.6

2. EMPLOYMENT IN PLANTS WITH FACILITIES

Four of every five workers employed, in the manufacturing plants, are in plants having facilities. One-third of the workers in plants employing less than 250 and nine of every ten in plants employing more than 2,500 workers are in plants having facilities.

The lack of facilities in many of the very large Western plants is reflected in the fact that although about three-fourths of the workers in manufacturing industries in this area are employed in these plants only half of them are in the very large plants having food service facilities.

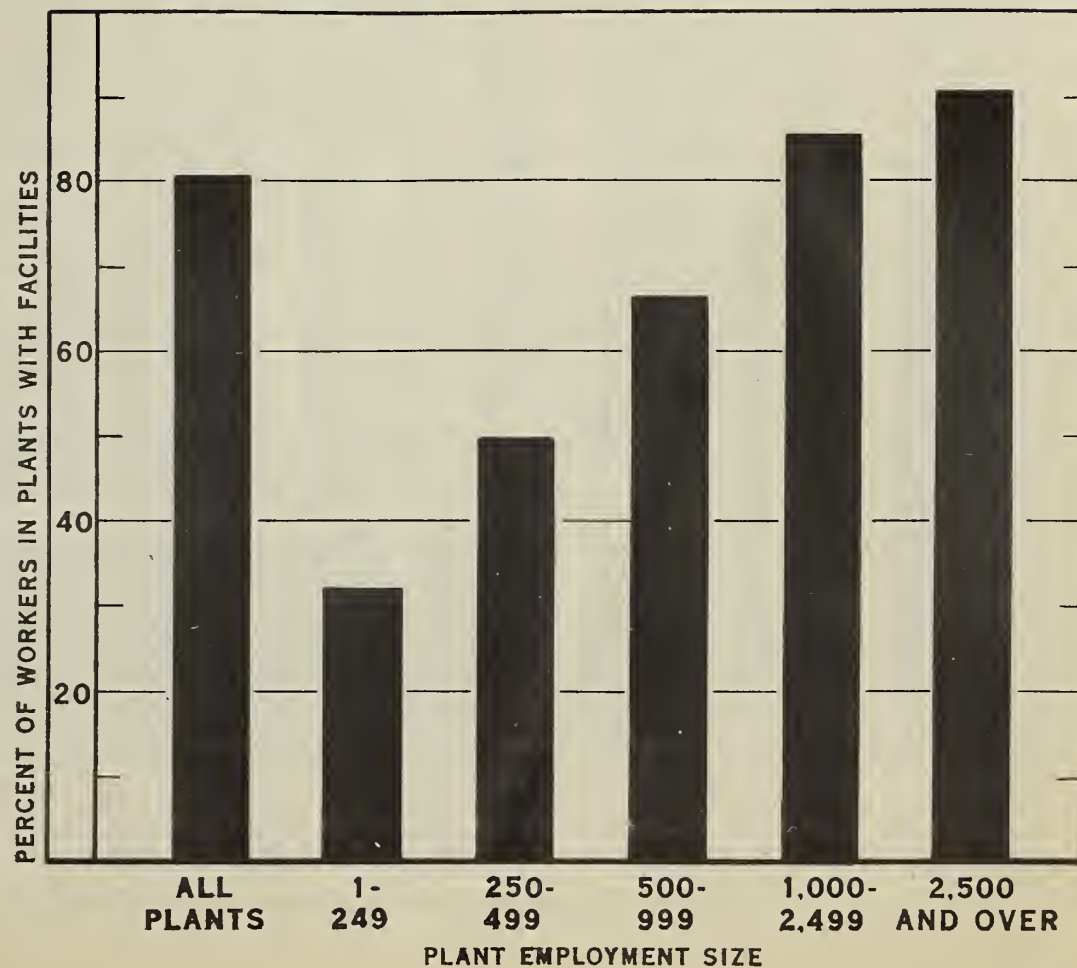


Table 3. - Sources of mid-shift meals for workers on all shifts
by plant employment size, four regions 1/

Plant employment size	Number of workers								Percentage of workers							
	In-plant sources				Outside sources				In-plant sources				Outside sources			
	In all plants 2/	Total	Eating in cafeteria	Using other facilities	Total	Using nearby commercial	Bringing packed lunches	Going home for lunch	In all plants	Total	Eating in cafeteria	Using other facilities	Total	Using nearby commercial	Bringing packed lunches	Going home for lunch
Four Regions	1,405,200	521,800	290,000	231,800	883,400	120,900	674,100	88,400	100.0	37.1	20.6	16.5	62.9	8.6	48.0	6.3
1 - 249	79,200	5,400	2,400	3,000	73,800	12,200	49,800	11,800	100.0	6.8	3.0	3.8	93.2	15.4	62.9	14.9
250 - 499	131,100	20,100	12,400	7,700	111,000	19,500	70,000	21,500	100.0	15.3	9.5	5.8	84.7	14.9	53.4	16.4
500 - 999	150,900	36,100	22,600	13,500	114,800	17,200	81,300	16,300	100.0	23.9	15.0	8.9	76.1	11.4	53.9	10.8
1,000 - 2,499	246,600	100,400	53,200	47,200	146,200	19,100	109,900	17,200	100.0	40.7	21.6	19.1	59.3	7.7	44.6	7.0
2,500 - over	797,400	359,800	199,400	160,400	437,600	52,900	363,100	21,600	100.0	45.1	25.0	20.1	54.9	6.6	45.6	2.7
Southern	328,500	142,100	71,400	70,700	186,400	25,600	140,300	20,500	100.0	43.3	21.7	21.6	56.7	7.8	42.7	6.2
1 - 249	13,200	1,900	600	1,300	11,300	1,900	6,800	2,600	100.0	14.4	4.5	9.9	85.6	14.4	51.5	19.7
250 - 499	24,300	2,800	1,600	1,200	21,500	3,900	13,200	4,400	100.0	11.5	6.6	4.9	88.5	16.1	54.3	18.1
500 - 999	35,700	8,300	4,700	3,600	27,400	3,100	19,000	5,300	100.0	23.2	13.2	10.0	76.8	8.7	53.2	14.9
1,000 - 2,499	65,300	32,800	11,000	21,800	32,500	4,100	25,200	3,200	100.0	50.2	16.8	33.4	49.8	6.3	38.6	4.9
2,500 - over	190,000	96,300	53,500	42,800	93,700	12,600	76,100	5,000	100.0	50.7	28.2	22.5	49.3	6.6	40.1	2.6
Midwest	648,300	243,400	138,700	104,700	404,900	65,800	284,700	54,400	100.0	37.5	21.4	16.1	62.5	10.2	43.9	8.4
1 - 249	43,300	2,500	1,300	1,200	40,800	6,100	28,100	6,600	100.0	5.8	3.0	2.8	94.2	14.1	64.9	14.2
250 - 499	81,500	13,200	8,300	4,900	68,300	11,300	42,300	14,700	100.0	16.2	10.2	6.0	83.8	13.9	51.9	18.0
500 - 999	95,500	23,900	15,400	8,500	71,600	11,300	49,900	10,400	100.0	25.0	16.1	8.9	75.0	11.8	52.3	10.9
1,000 - 2,499	134,200	50,800	31,400	19,400	87,400	11,800	61,000	10,600	100.0	37.9	23.4	14.5	62.1	8.8	45.4	7.9
2,500 - over	293,800	153,000	82,300	70,700	140,800	25,300	103,400	12,100	100.0	52.1	28.0	24.1	47.9	8.6	35.2	4.1
Southwest	130,900	48,300	28,700	19,600	82,600	10,300	66,200	6,100	100.0	36.9	21.9	15.0	63.1	7.9	50.6	4.6
1 - 249	12,500	700	500	200	11,800	2,900	7,100	1,800	100.0	5.6	4.0	1.6	94.4	23.2	56.8	14.4
250 - 499	15,500	2,800	1,300	1,500	12,700	2,900	7,700	2,100	100.0	18.1	8.4	9.7	81.9	18.7	49.7	13.5
500 - 999	11,200	1,600	1,200	400	9,600	2,300	7,000	300	100.0	14.3	10.7	3.6	85.7	20.5	62.5	2.7
1,000 - 2,499	26,300	8,100	5,500	2,600	18,200	2,200	14,100	1,900	100.0	30.8	20.9	9.9	69.2	8.4	53.6	7.2
2,500 - over	65,400	35,100	20,200	14,900	30,300	--	30,300	--	100.0	53.7	30.9	22.8	46.3	--	46.3	--
Western	297,500	88,000	51,200	36,800	209,500	19,200	182,900	7,400	100.0	29.6	17.2	12.4	70.4	6.4	61.5	2.5
1 - 249	10,200	300	--	300	9,900	1,300	7,800	800	100.0	2.9	--	2.9	97.1	12.8	76.5	7.8
250 - 499	9,800	1,300	1,200	100	8,500	1,400	6,800	300	100.0	13.3	12.3	1.0	86.7	14.3	69.4	3.0
500 - 999	8,500	2,300	1,300	1,000	6,200	500	5,400	300	100.0	27.1	15.3	11.8	72.9	5.9	63.5	3.5
1,000 - 2,499	20,800	8,700	5,300	3,400	12,100	1,000	9,600	1,500	100.0	41.8	25.5	16.3	58.2	4.8	46.2	7.2
2,500 - over	248,200	75,400	43,400	32,000	172,800	15,000	153,300	4,500	100.0	30.4	17.5	12.9	69.6	6.0	61.8	1.8

1/ Comparable data on source of mid-shift meals not available for the Northeast Region.

For data on workers served by in-plant facilities in the Northeast and all regions, see table 3A.

2/ 6,255 workers in plants not reporting possession of facilities were distributed among "outside sources".

Table 3A. - Workers served by in-plant feeding facilities, all shifts, by plant employment size,
United States and Northeast Region

Plant employment size	Total employment 1/	Workers served by in-plant facilities	
		Number	Percent
United States	2,056,515	784,975	38.5
1 - 249	102,585	8,201	8.0
250 - 499	172,525	27,010	15.7
500 - 999	212,289	54,615	25.7
1,000 - 2,499	356,142	147,895	41.5
2,500 - over	1,212,814	547,458	45.1
Northeast Region	651,188	265,112	41.7
1 - 249	25,421	2,777	11.9
250 - 499	41,589	8,855	21.5
500 - 999	61,595	18,488	30.1
1,000 - 2,499	89,508	47,328	52.9
2,500 - over	415,450	187,696	45.2

1/ Total employment includes 6,255 workers in plants which did not report possession of facilities.

3. SOURCES OF MID-SHIFT MEALS FOR WORKERS ON ALL SHIFTS

Four of every five workers are in plants having food service facilities, but only two of every five actually use the facilities. In most instances, facilities are used to capacity. While only 8 percent of the workers in plants employing less than 250 workers obtain midshift meals in the plants, 45 percent of workers in plants employing more than 2,500 obtain food through plant feeding facilities. Fifty-six percent of the workers obtaining food at the plants are served by cafeterias and 44 percent by other types of facilities.

Almost half of all workers bring packed lunches from home, about 40 percent obtain food in the plant, and the remainder patronize nearby commercial eating places or go home for lunch.

Because of locations of the larger plants, security regulations, and their layout, few of their workers patronize nearby eating places or go home for lunch. In some large plants workers are not permitted to bring lunch pails.

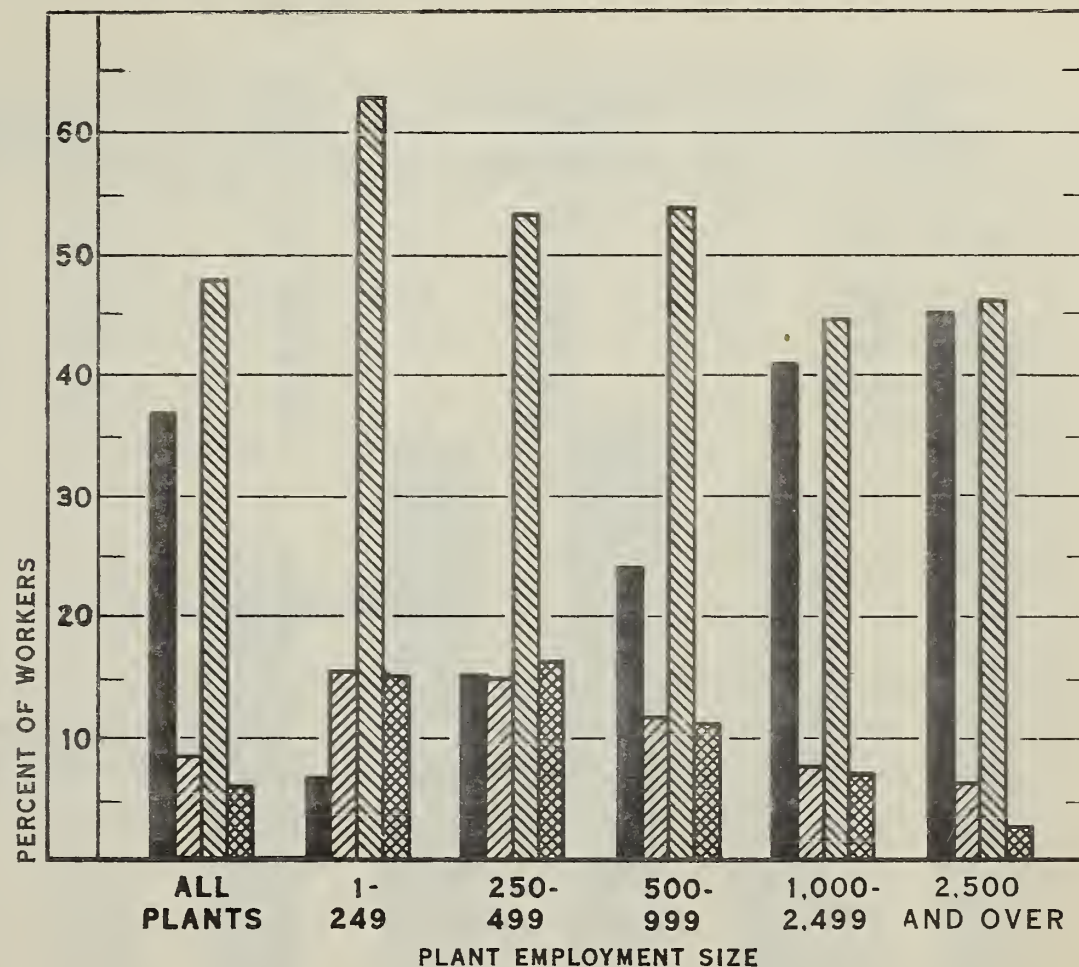
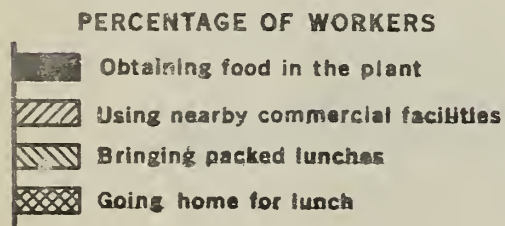


Table 4. - Number and percentage distribution of plants serving various percentages of workers on first shifts, United States

Number

Plant employment size	:	All plants with facilities	:	All plants reporting	:	Percentages served on first shifts				
						1 - 19	20 - 39	40 - 59	60 - 79	80 - 100
United States	:	1,002	:	669	:	105	133	140	123	168
1 - 249	:	204	:	145	:	22	27	25	30	43
250 - 499	:	263	:	176	:	23	40	31	37	45
500 - 999	:	223	:	148	:	13	29	43	27	36
1,000 - 2,499	:	193	:	117	:	28	23	24	17	25
2,500 - over	:	119	:	83	:	19	14	19	12	19

Percentage distribution

Plant employment size	:	All plants reporting	:	Percentages served on first shifts				
				1 - 19	20 - 39	40 - 59	60 - 79	80 - 100
United States	:	100.0	:	15.7	19.9	20.9	18.4	25.1
1 - 249	:	100.0	:	15.2	18.6	15.9	20.7	29.6
250 - 499	:	100.0	:	13.1	22.7	17.6	21.0	25.6
500 - 999	:	100.0	:	8.8	19.6	29.1	18.2	24.3
1,000 - 2,499	:	100.0	:	23.9	19.7	20.5	14.5	21.4
2,500 - over	:	100.0	:	22.9	16.9	22.9	14.4	22.9

4. PERCENTAGES OF FIRST SHIFT WORKERS SERVED

Forty-four percent of the plants with food service facilities serve 60 to 100 percent of their workers. One-fourth of the plants serve 80 to 100 percent of their workers.

The smaller plants generally serve larger proportions of their workers. Fifty percent of the very small plants serve more than 60 percent of their workers, while 37 percent of the plants employing over 1,000 workers serve 60 to 100 percent of them.

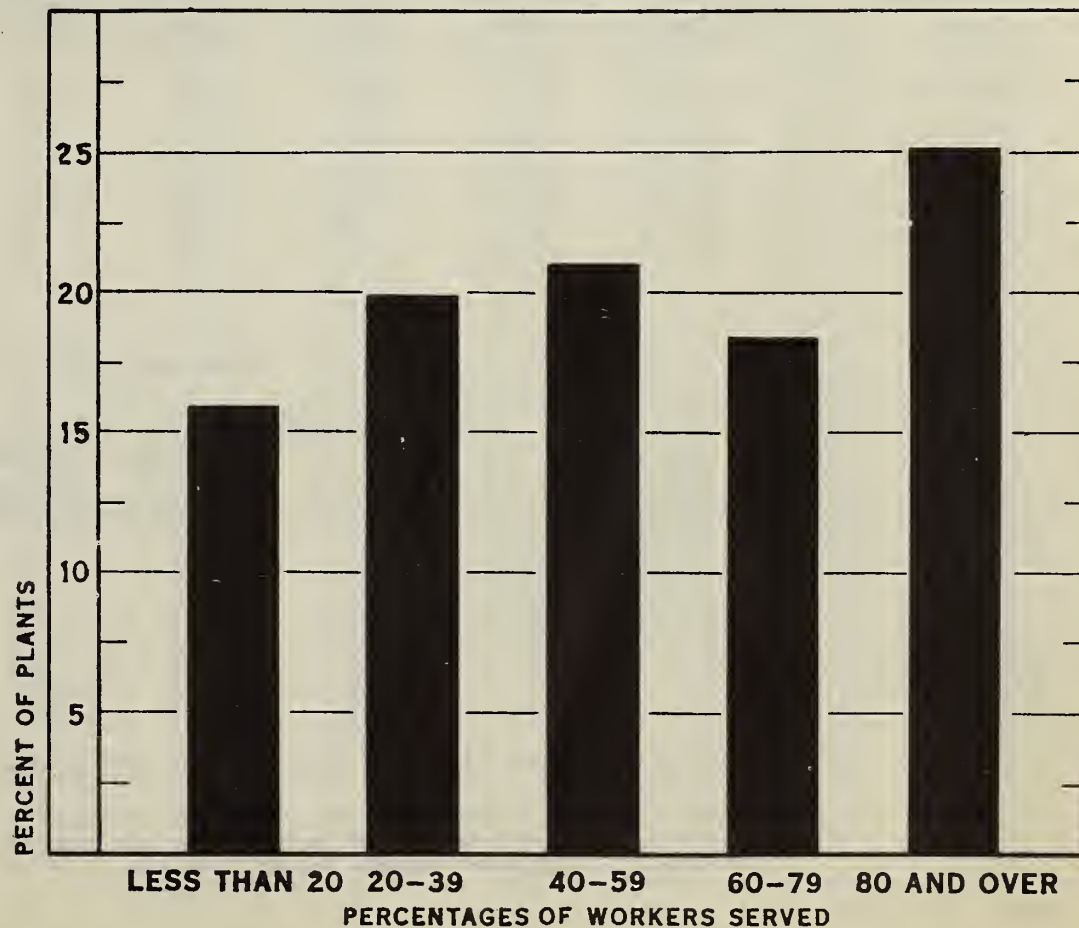


Table 5. - Number and percentage distribution of plants having various types of in-plant food service facilities, by plant employment size, United States

Plant employment size	Total with facilities	Cafeteria 1/				One other facility			Two or three other facilities
		Total with cafeteria	Cafeteria only	With one other facility	With two or three other facilities	Lunch counter 2/	Food wagon	"Other" 3/	
United States	1,002	451	235	135	81	132	78	250	91
1 - 249	204	41	32	5	4	27	15	106	15
250 - 499	263	95	71	18	6	37	15	91	25
500 - 999	223	105	54	34	17	38	26	34	20
1,000 - 2,499	193	117	59	41	17	26	16	14	20
2,500 - over	119	93	19	37	37	4	6	5	11

Plant employment size	Total with facilities	Cafeteria 1/				One other facility			Two or three other facilities
		Total with cafeteria	Cafeteria only	With one other facility	With two or three other facilities	Lunch counter 2/	Food wagon	"Other" 3/	
United States	100.0	45.0	23.4	13.5	8.1	13.1	7.8	25.0	9.1
1 - 249	100.0	20.1	15.7	2.4	2.0	13.2	7.4	52.0	7.3
250 - 499	100.0	36.1	27.0	6.8	2.3	14.1	5.7	34.6	9.5
500 - 999	100.0	47.1	24.2	15.3	7.6	17.0	11.7	15.2	9.0
1,000 - 2,499	100.0	60.6	30.6	21.2	8.8	13.5	8.3	7.2	10.4
2,500 - over	100.0	78.2	16.0	31.1	31.1	3.4	5.1	4.2	9.3

1/ Service restaurants included. In most instances these operate in conjunction with cafeterias.

2/ Lunch stands and canteens included with lunch counters.

3/ Includes food dispensers, boxed lunch concessions, lunchrooms, and service of beverages to supplement lunches brought from home.

5. TYPES OF FOOD SERVICE FACILITIES IN USE

Forty-five percent of the plants with feeding facilities have cafeteria service. While one of every five plants with facilities employing less than 250 workers has cafeteria service, four of every five plants employing more than 2,500 have cafeterias. About one-fourth of the small plants with cafeterias also have lunch counters, canteens, and other supplementary types of facilities. In the large plants, four-fifths of the cafeterias are supplemented by other types of facilities.

Fifty-five percent of all plants with facilities provide food only through use of lunch counters, canteens, food wagons, dispensers, lunch box concessions, or lunchrooms. However, only 22 percent of the very large plants have this type of service.

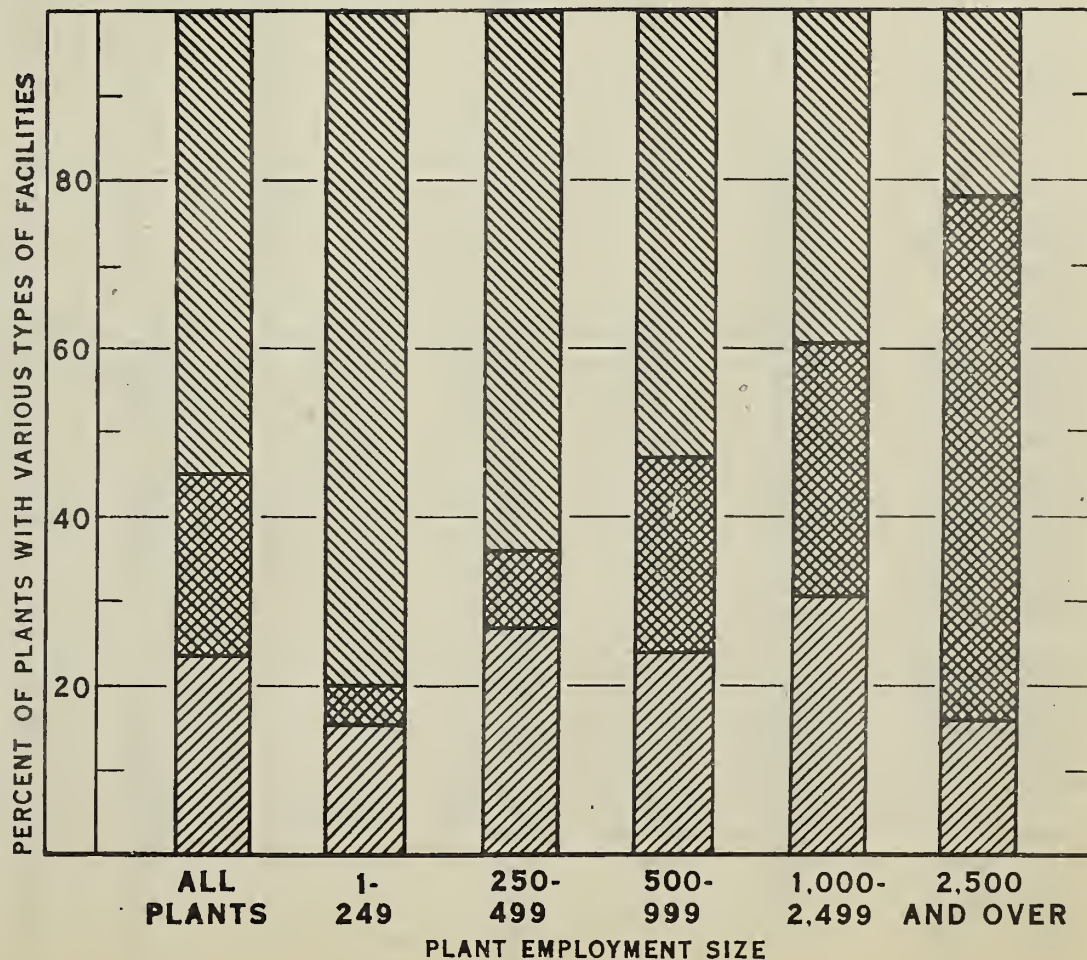
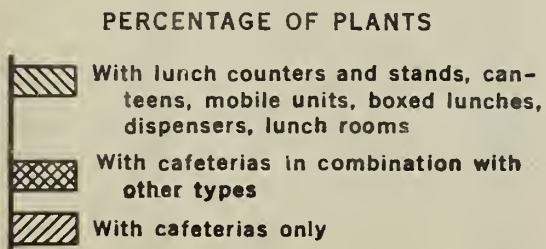


Table 6. - Usual length of lunch period, by plant employment size,
United States and by regions

Plant employment size	All plants	Plants not reporting	Plants reporting length of lunch period										
			Number of plants						Percentage of Plants				
			All reporting	None	Under 30 minutes	30 minutes	Over 30 minutes	All reporting	None	Under 30 minutes	30 minutes	Over 30 minutes	
United States	2,056	209	1,847	10	187	1,158	492	100.0	0.6	10.1	62.7	26.6	
1 - 249	746	96	650	1	38	412	199	100.0	0.2	5.8	63.4	30.6	
250 - 499	579	56	523	2	46	312	163	100.0	0.4	8.8	59.6	31.2	
500 - 999	358	26	332	3	42	215	72	100.0	0.9	12.6	64.8	21.7	
1,000 - 2,499	242	25	217	3	34	143	37	100.0	1.4	15.7	65.9	17.0	
2,500 - over	131	6	125	1	27	76	21	100.0	0.8	21.6	60.8	16.8	
Northeast	688	51	637	--	82	348	207	100.0	--	12.9	54.6	32.5	
1 - 249	221	25	196	--	13	109	74	100.0	--	6.6	55.6	37.8	
250 - 499	192	16	176	--	14	88	74	100.0	--	8.0	50.0	42.0	
500 - 999	135	6	129	--	17	77	35	100.0	--	13.2	59.7	27.1	
1,000 - 2,499	82	3	79	--	18	44	17	100.0	--	22.8	55.7	21.5	
2,500 - over	58	1	57	--	20	30	7	100.0	--	35.1	52.6	12.3	
Southern	284	65	219	9	25	118	67	100.0	4.1	11.4	53.9	30.6	
1 - 249	100	29	71	1	3	35	32	100.0	1.4	4.2	49.3	45.1	
250 - 499	70	16	54	2	8	26	18	100.0	3.7	14.8	48.2	33.3	
500 - 999	53	9	44	3	5	26	10	100.0	6.8	11.4	59.1	22.7	
1,000 - 2,499	41	9	32	2	7	19	4	100.0	6.2	21.9	59.4	12.5	
2,500 - over	20	2	18	1	2	12	3	100.0	5.5	11.1	66.7	16.7	
Midwest	770	66	704	--	69	479	156	100.0	--	9.8	68.0	22.2	
1 - 249	260	25	235	--	15	161	59	100.0	--	6.4	68.5	25.1	
250 - 499	241	19	222	--	21	147	54	100.0	--	9.5	66.2	24.3	
500 - 999	142	10	132	--	19	92	21	100.0	--	14.4	69.7	15.9	
1,000 - 2,499	90	11	79	--	9	58	12	100.0	--	11.4	73.4	15.2	
2,500 - over	37	1	36	--	5	21	10	100.0	--	13.9	58.3	27.8	
Southwest	173	16	157	1	8	105	43	100.0	0.6	5.1	66.9	27.4	
1 - 249	92	9	83	--	5	56	22	100.0	--	6.0	67.5	26.5	
250 - 499	46	3	43	--	2	27	14	100.0	--	4.6	62.8	32.6	
500 - 999	15	1	14	--	1	9	4	100.0	--	7.1	64.3	28.6	
1,000 - 2,499	15	2	13	1	--	10	2	100.0	7.7	--	76.9	15.4	
2,500 - over	5	1	4	--	--	3	1	100.0	--	--	75.0	25.0	
Western	141	11	130	--	3	108	19	100.0	--	2.3	83.1	14.6	
1 - 249	73	8	65	--	2	51	12	100.0	--	3.1	78.4	18.5	
250 - 499	30	2	28	--	1	24	3	100.0	--	3.6	85.7	10.7	
500 - 999	13	--	13	--	--	11	2	100.0	--	--	84.6	15.4	
1,000 - 2,499	14	--	14	--	--	12	2	100.0	--	--	85.7	14.3	
2,500 - over	11	1	10	--	--	10	--	100.0	--	--	100.0	--	

6. USUAL LENGTH OF LUNCH PERIOD

The 30-minute lunch period is the most popular, throughout the country, regardless of plant employment size. Sixty-three percent of all plants have 30-minute periods, 27 percent have periods of more than 30 minutes, and 10 percent have less than 30 minute periods. Less than 1 percent of all plants have no lunch period.

Lunch periods longer than 30 minutes are most common in the small plants. This is a reflection of the fact that many workers in small plants patronize nearby eating places or go home for lunch. Thirty-four percent of plants without facilities have longer than 30 minutes for lunch, while only 20 percent of plants with facilities follow this practice. (Table 6A - page 14)

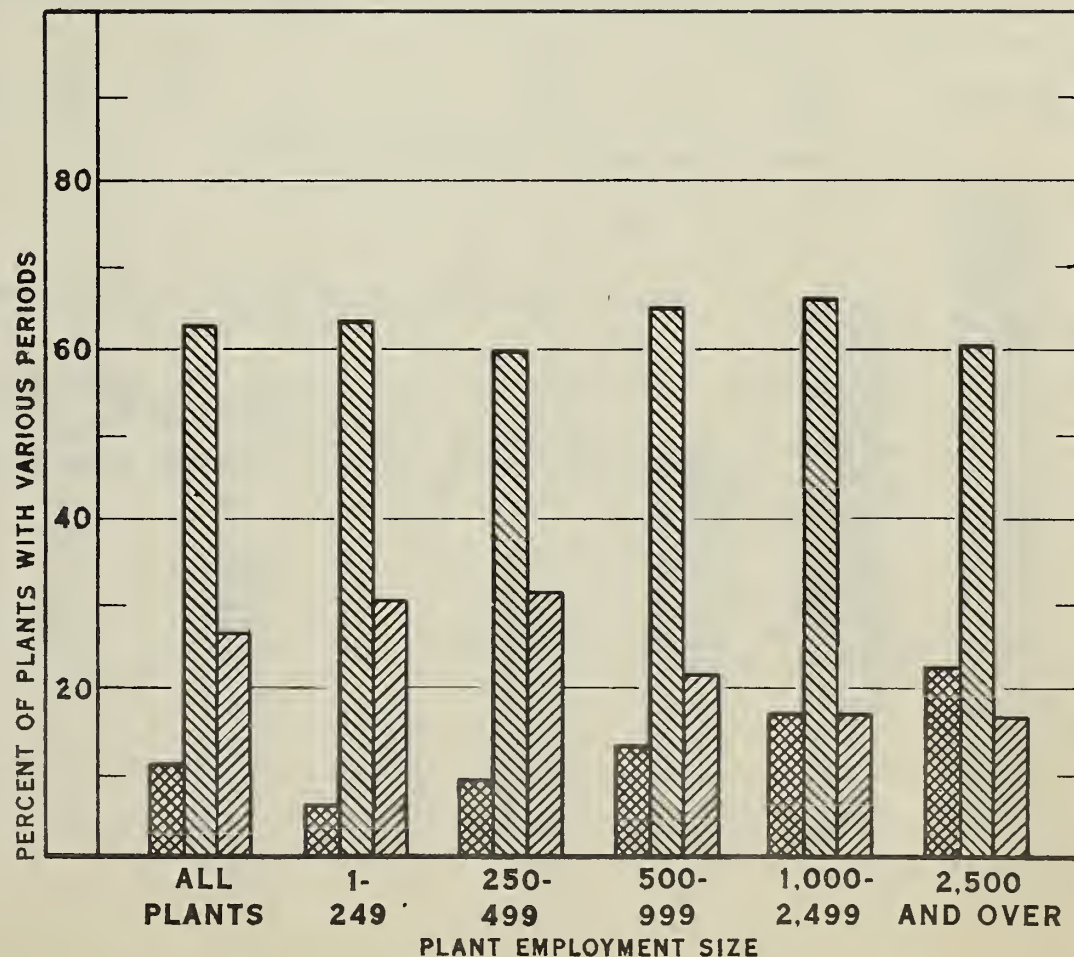
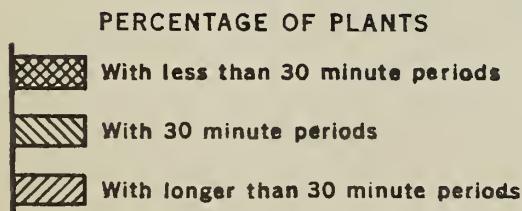


Table 6A. - Usual length of lunch period in plants with and without food service facilities,
United States

Facilities	All plants	Plants not reporting	Plants reporting length of lunch period									
			All reporting	Number of plants			All reporting	Percentage of plants				
				None	Under 30 minutes	30 minutes		Over 30 minutes	None	Under 30 minutes	30 minutes	Over 30 minutes
United States Total	2,037 ^{1/}	194	1,843	10	187	1,156	490	100.0	0.6	10.1	62.7	26.6
With facilities	1,002	56	946	6	114	639	187	100.0	0.6	12.1	67.5	19.8
Without facilities	1,035	138	897	4	73	517	303	100.0	0.5	8.1	57.6	33.8

^{1/} 19 plants did not report on possession of facilities.

Table 7. - Lunch period stagger practice, by plant employment size,
United States

Plant employment size	All plants	Plants not reporting on practice	Plants reporting on practice					
			All reporting	Number of plants		All reporting	Percentage of plants	
				Staggered	Not staggered		Staggered	Not staggered
United States	2,056	267	1,789	632	1,157	100.0	35.3	64.7
1 - 249	746	120	626	104	522	100.0	16.6	83.4
250 - 499	579	73	506	151	355	100.0	29.8	70.2
500 - 999	358	37	321	148	173	100.0	46.1	53.9
1,000 - 2,499	242	27	215	137	78	100.0	63.7	36.6
2,500 - over	131	10	121	92	29	100.0	76.0	24.0

7. LUNCH PERIOD STAGGER PRACTICE

More than a third of all plants have staggered lunch periods. This practice occurs in only one of every six plants employing less than 250 workers but is usual in the very large plants, where three of every four plants have staggered lunch periods.

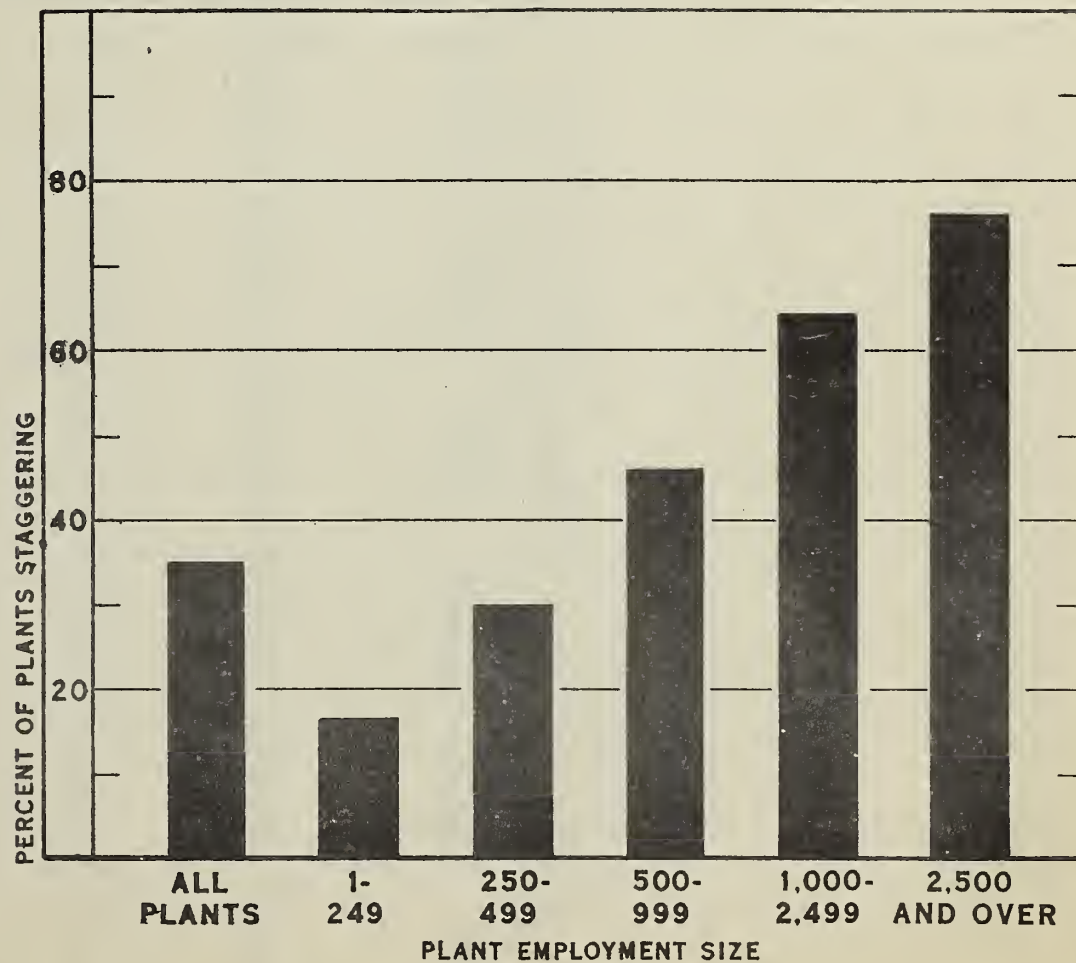


Table 8. - Planned in-plant food service facilities, by plant employment size, United States and by regions

Plant employment size	Plants returning schedules	Plants planning facilities	
		Number	Percent
United States	2,056	270	13.1
1 - 249	746	30	4.0
250 - 499	579	59	10.2
500 - 999	358	69	19.3
1,000 - 2,499	242	59	24.4
2,500 - over	131	53	40.5
Northeast	688	100	14.5
1 - 249	221	10	4.5
250 - 499	192	22	11.5
500 - 999	135	29	21.5
1,000 - 2,499	82	22	26.8
2,500 - over	58	17	29.3
Southern	284	36	12.7
1 - 249	100	4	4.0
250 - 499	70	6	8.6
500 - 999	53	10	18.9
1,000 - 2,499	41	8	19.5
2,500 - over	20	8	40.0
Midwest	770	102	13.2
1 - 249	260	10	3.8
250 - 499	241	24	10.0
500 - 999	142	26	18.3
1,000 - 2,499	90	23	25.6
2,500 - over	37	19	51.4
Southwest	173	9	5.2
1 - 249	92	4	4.3
250 - 499	46	1	2.2
500 - 999	15	1	6.7
1,000 - 2,499	15	2	13.3
2,500 - over	5	1	20.0
Western	141	23	16.3
1 - 249	73	2	2.7
250 - 499	30	6	20.0
500 - 999	13	3	23.1
1,000 - 2,499	14	4	28.6
2,500 - over	11	8	72.7

8. PLANNED FOOD SERVICE FACILITIES

Plans are being made for new installations and expansions of existing food services in 13 percent of the plants. While only 4 percent of the plants employing less than 250 workers plan facilities, 41 percent of the plants employing more than 2,500 workers plan new installations and expansions.

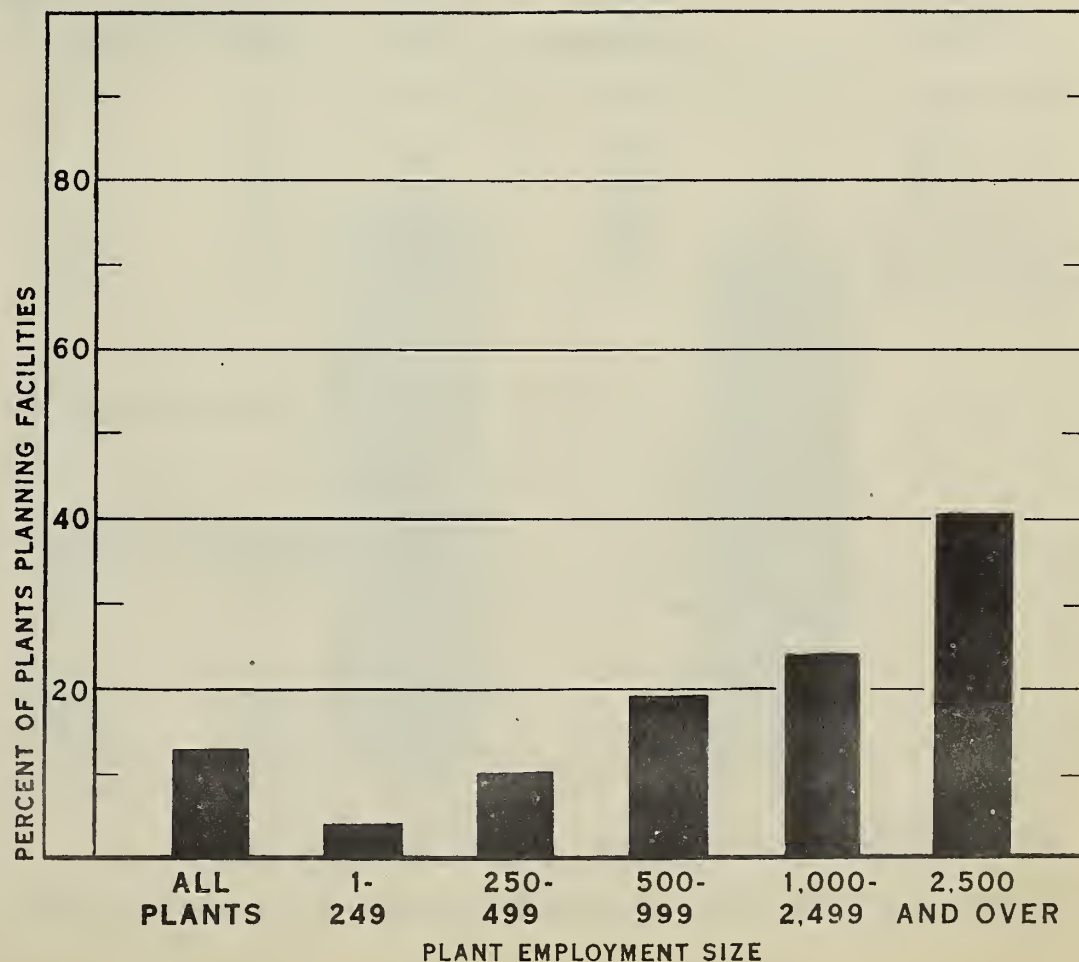


Table 9. - Number and percentage distribution of planned facilities, by type of facility and by plant employment size, four regions 1/

Number

Plant employment size	:	Total plants reporting	:	Number of planned installations							
				In all plants	In plants with facilities			In plants without facilities			
					Total	Cafeteria	Other	Total	Cafeteria	Other	
Four Regions	:	1,368	:	166 <u>2/</u>	83	56	27	:	83	52	31
1 - 249	:	525	:	19	6	6	—	:	13	9	4
250 - 499	:	387	:	36	11	8	3	:	25	12	13
500 - 999	:	223	:	35	17	12	5	:	18	14	4
1,000 - 2,499	:	160	:	38	19	10	9	:	19	13	6
2,500 - over	:	73	:	38	30	20	10	:	8	4	4

Percentage distribution

Plant employment size	:	In plants with facilities			:	In plants without facilities		
		Total	Cafeteria	Other		Total	Cafeteria	Other
Four Regions	:	50.0	33.7	16.3	:	50.0	31.3	18.7
1 - 249	:	31.6	31.6	—	:	68.4	47.4	21.0
250 - 499	:	30.6	22.2	8.4	:	69.4	33.3	36.1
500 - 999	:	48.6	34.3	14.3	:	51.4	40.0	11.4
1,000 - 2,499	:	50.0	26.3	23.7	:	50.0	34.2	15.8
2,500 - over	:	79.0	52.7	26.3	:	21.0	10.5	10.5

1/ Comparable data not available for the Northeast Region.

2/ Four additional plants planning facilities did not indicate type.

9. TYPES OF PLANNED FACILITIES

Half of all planned facilities are to be new installations in plants without facilities. The others are to be expansions of existing food services.

The popularity of cafeteria service is indicated by the fact that two-thirds of all planned facilities are of the cafeteria type. Sixty-seven percent of the planned expansions of existing facilities and 68 percent of the planned new facilities are to provide cafeteria service.

In many instances cafeterias are being planned to replace lunch counters and other less adequate facilities.

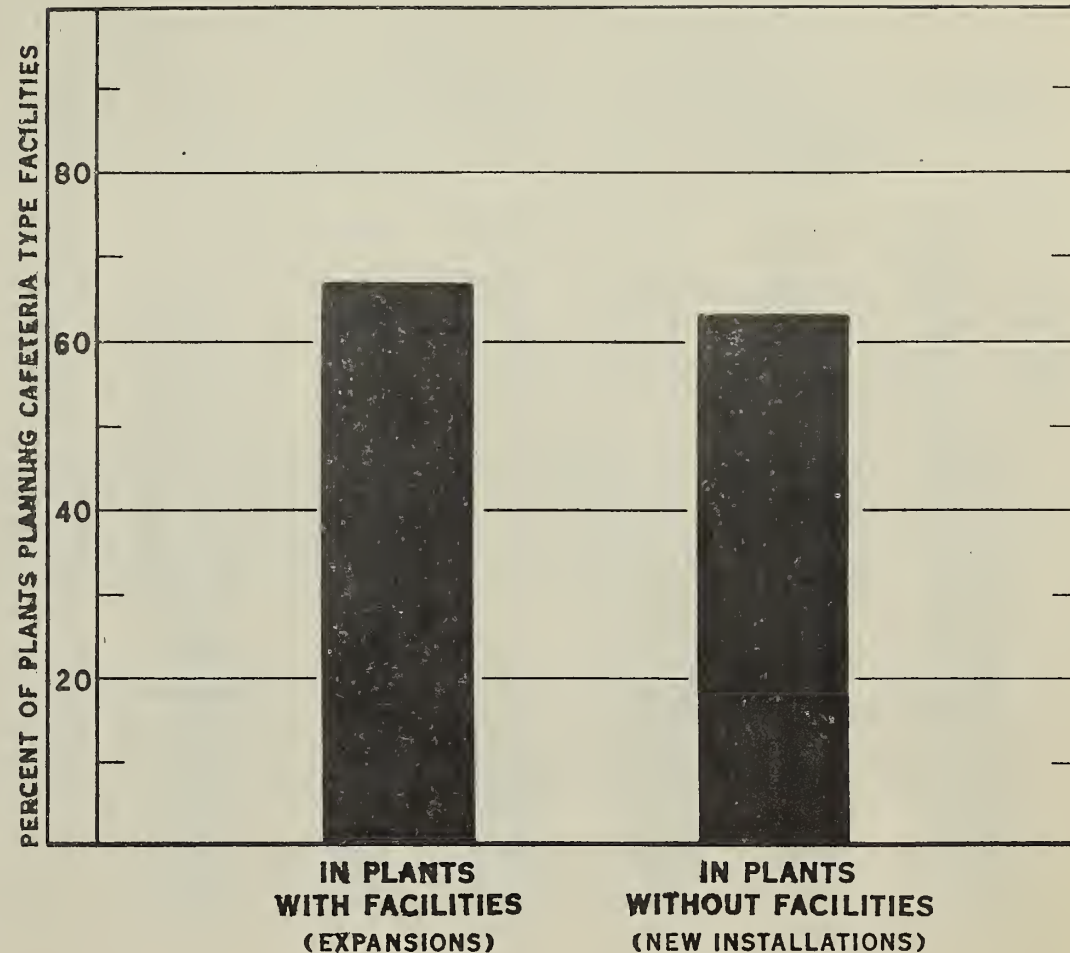


Table 10. - Industrial feeding program goals and status in manufacturing industries, by plant employment size, United States, March 1944

Plant employment size	Total employed in manufactur- ing plants 1/		Industrial feeding program goals		Now fed by existing facilities 2/		To be fed by planned facilities 2/		To be fed to reach program goals	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
	(Millions)									
U.S. Totals	16.5	100.0	9,900,000	60.0	5,506,400	33.4	1,498,800	9.1	2,894,800	17.5
1 - 249	2.1	100.0	328,000	15.6	168,000	8.0	54,600	2.6	105,400	5.0
250 - 499	2.3	100.0	745,500	32.4	361,100	15.7	151,100	5.7	253,300	11.0
500 - 999	2.3	100.0	1,177,600	51.2	591,100	25.7	200,100	8.7	386,400	16.8
1,000 - 2,499	2.8	100.0	2,214,200	79.1	1,229,200	43.9	336,000	12.0	649,000	23.2
2,500 - over	7.0	100.0	5,434,700	77.6	3,157,000	45.1	777,000	11.1	1,500,700	21.4

NOTE. - Total employment in manufacturing industries during March 1944 was 16.5 million workers. Included are 3.9 million workers not covered by WMC reports from which the survey samples were taken. These additional workers are mainly in the smaller plants which have facilities less frequently than the larger ones (table 1). The percentage of all workers being fed (33.4 percent) is therefore lower than the percentage indicated for those covered in the surveys (38.5 percent - see table 3A).

1/ Based on U. S. Bureau of Labor Statistics employment estimates for March 1944 (May 29, 1944) and War Manpower Commission data on plants engaged in war work during November 1943.

2/ Estimates based on War Food Administration surveys, October 1943 and March 1944.

10. APPLICATION OF SURVEY RESULTS TO ALL MANUFACTURING RELATION OF FINDINGS TO NATIONAL GOALS

In March 1944, a third of the workers in all manufacturing plants were obtaining meals on the job and facilities were being planned to serve an additional 9 percent.

It is feasible to provide food on-the-job for 60 percent (about 10 million) of all workers in manufacturing industries. The remaining 40 percent are employed in manufacturing industries where in-plant food services are not feasible or necessary for a number of reasons, including the size of the plant, the type of industry, and the availability of nearby eating places.

The goal for each plant size is based on the proportion of workers obtaining food during March 1944 and the proportion to be served by facilities being planned at that time. The goal is lowest (16 percent) for plants employing less than 250 workers and highest (79 percent) for plants employing 1,000 to 2,499 workers.

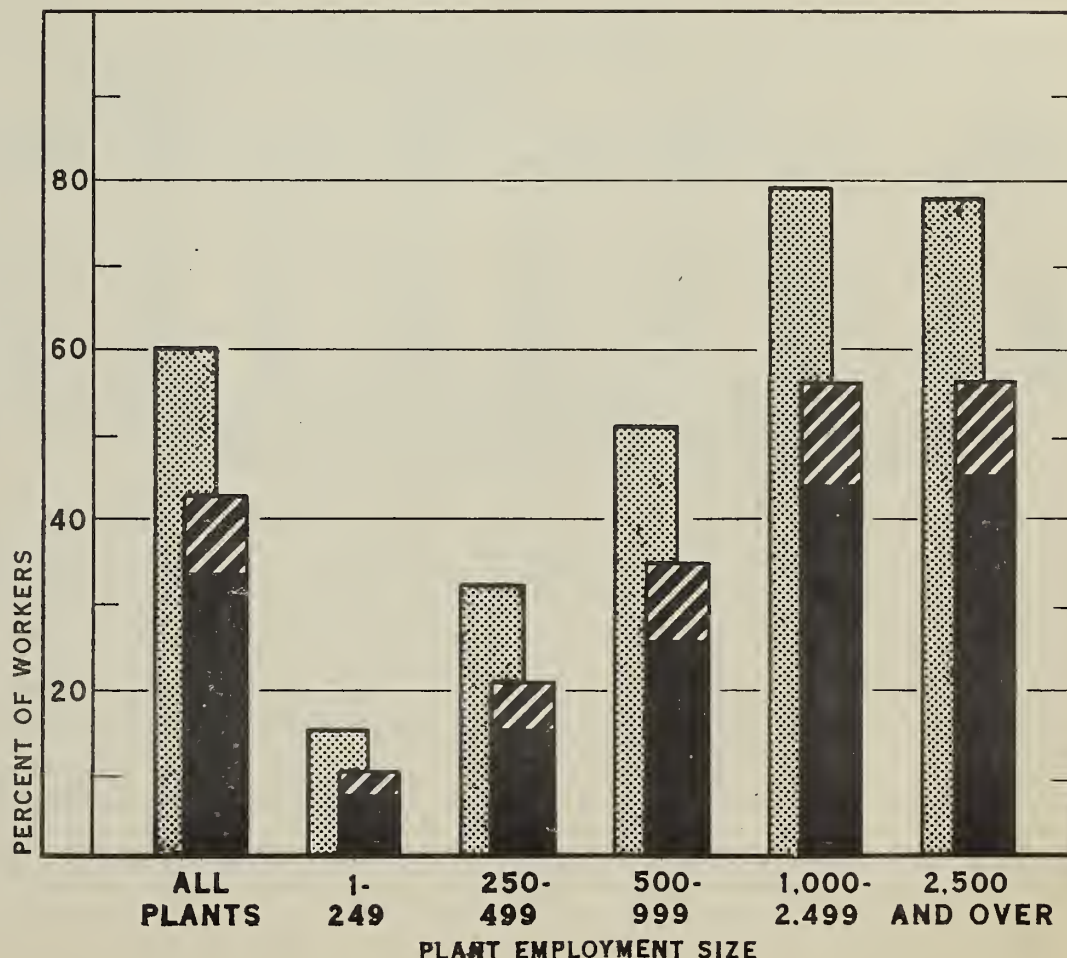
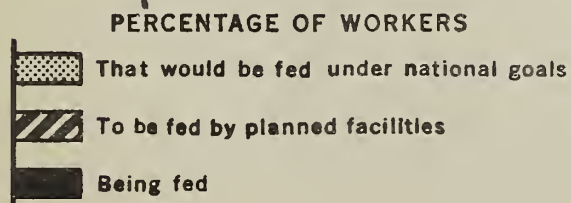


Table 11. - Number and distribution of plants and workers surveyed, by plant employment size,
United States

Plant employment size	Plants								Workers			
	Total 1/		Selected		Returning		Total 1/		In plants		returning	
	Distri-		for sampling		schedules		Distri-		returning		schedules	
	Number	bution	Number	bution	Number	Percent	bution	of sample	Number	bution	Number	bution
U. S. Totals	12,508	100.0	2,416	100.0	2,056	100.0	85.1		12,630,886	100.0	2,036,313	100.0
1 - 249	4,329	34.6	838	34.7	746	36.3	89.0		688,028	5.4	102,563	5.0
250 - 499	3,658	29.2	685	28.4	579	28.1	84.5		1,286,446	10.2	172,525	8.5
500 - 999	2,213	17.7	424	17.5	358	17.4	84.4		1,540,899	12.2	212,269	10.4
1,000 - 2,499	1,412	11.3	274	11.3	242	11.8	88.3		2,168,355	17.2	336,142	16.5
2,500 - Over	896	7.2	195	8.1	131	6.4	67.2		6,947,158	55.0	1,212,814	59.6

1/ Plants and workers covered in War Manpower Commission ES-270 reports for November 1943.
Northeast sample was selected from reports for July 1943.

TECHNICAL SERVICES AVAILABLE

Industrial Feeding Specialists of the War Food Administration are prepared to assist with in-plant feeding problems, in the following ways:

- Survey plants with food services and advise on methods for improving operating efficiency
- Survey plants without food service and recommend suitable types of installations and operating methods
- Advise and assist in organization of nutrition education programs for workers
- Certify to War Production Board the need for food service equipment and facilities
- Secure cooperation of Federal and local agencies concerned

These services are available at no cost, on request of plant management. Requests should be addressed to the appropriate regional Office of Distribution, War Food Administration:

Northeast Region, 150 Broadway, New York 7, New York

Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, West Virginia

Southern Region, Western Union Building, Atlanta 3, Georgia

Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia

Midwest Region, 5 South Wabash Avenue, Chicago 3, Illinois

Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin

Southwest Region, 425 Wilson Building, Dallas 1, Texas

Arkansas, Colorado, Kansas, Louisiana, New Mexico, Oklahoma, Texas

Western Region, 821 Market Street, San Francisco 3, California

Arizona, California, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming, Territory of Hawaii

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